

### ABSTRACT OF THE DISCLOSURE

An elevator car position measuring system includes a strip having a code mark pattern mounted near the elevator car and parallel to a travel direction, a code reading device mounted on the elevator car for contactless scanning of the code mark pattern and 5 an evaluating unit connected to the code reading device for evaluating the scanned code mark pattern. A code word is formed by "n" successive code marks of the code mark pattern, a plurality of different ones of the code words are unambiguously arranged in an n-digit pseudo random sequence, the code words form a single-track of the code mark pattern and each of the code words represents an absolute car position. A floor sensor 10 mounted on the elevator car detects position markings at floor levels along the travel direction and is connected to the evaluating units for evaluating the detected position markings against said scanned code words.

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